

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	0	(noise) near2 (detection) near20 (gradually slow\$2) near5 (increas\$3 big \$4) near5 (threshold \$3) and noise near20 silence near5 detection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:48
L3	0	(detection) near20 (gradually slow\$2) near5 (increas\$3 big \$4) near5 (threshold \$3) and noise near20 silence near5 detection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:48
L4	0	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3) and noise near20 silence near5 detection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:48
L5	0	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3) and silence near5 detection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:48
L6	2738	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:48
L7	0	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3) same (noise and silence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:49

L8	0	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3) same (silence)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:49
L9	1	(gradually slow\$2) near5 (increas\$3 big \$4) near10 (threshold \$3) and (silence) near20 (detect\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:49
L10	0	(silence) near20 (detect\$5) near20 (slow near5 moving near5 average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:53
L11	0	(silence) near20 (detect\$5) and (slow near5 moving near5 average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:53
L12	3775	(silence) near5 (detect \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:53
L13	102	12 and (moving near5 average)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:53
L14	129	12 and (threshold\$3) and (hold\$4 held) near5 (value level theshold\$3 amplitude gain)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:54
L15	3	13 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:55

L17	93	13 and (commercial speaker song music audio speech voice) near5 (detect\$3 analyz\$3 analysis recognition recogniz \$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:57
L18	68	17 and noise near5 (floor signal ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:59
L19	42	17 and noise near5 (floor signal ratio) near20 (threshold hold\$3 held)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 17:59
L20	106	(silence commercial speaker song music audio speech voice) near5 (detect\$5) and (threshold\$3) near20 ((signal\$4noise signal near4 noise) near5 ratio snr "s/r") near20 (adapt\$4 updat\$3 chang\$3 averag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:04
L22	0	20 and (silence silent) near5 (theshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:07
L23	0	20 and (silence silent) near20 (theshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:07
L24	14	(silence) near5 (detect \$5) and (threshold\$3) near20 ((signal \$4noise signal near4 noise) near5 ratio snr "s/r") near20 (adapt \$4 updat\$3 chang\$3 averag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:08

L25	12	(threshold\$3) near20 ((signal\$4noise signal near4 noise) near5 ratio snr "s/r") near20 (adapt\$4 updat\$3 chang\$3 averag\$4) near20 (gradual\$4 slow\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:15
L26	75	(vad (speech silence silent voice audio music song) near5 detect\$4) same (noise near5 gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:17
L27	1	26 and (threshold\$3) near20 ((signal \$4noise signal near4 noise) near5 ratio snr "s/r") near20 (adapt \$4 updat\$3 chang\$3 averag\$4 adjust\$4 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:18
L28	38	noise near5 gat\$3 and (threshold\$3) near20 ((signal \$4noise signal near4 noise) near5 ratio snr "s/r") near20 (adapt \$4 updat\$3 chang\$3 averag\$4 adjust\$4 increas\$3 decreas\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/19 18:19
S1	1	"10".src. and "584088".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 15:10
S2	5	"20020054242" "4081836".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 15:10
S3	2607	700/94.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 15:12

S4	0	(detect\$5) near10 (silence silent) near5 (segment portion passage) near10 (music song (audio sound media) near5 (performance program file)) and (slow fast moving) near5 (average threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 17:18
S5	25	(detect\$5) near10 (silence silent) near5 (segment portion passage) near10 (music song (audio sound media) near5 (performance program file))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 17:18
S6	25	(detect\$5) near10 (silence silent quiet) near5 (segment portion passage) near10 (music song (audio sound media) near5 (performance program file))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 17:19
S7	408	(detect\$5) near10 (silence silent quiet) same (music song (audio sound media) near5 (performance program file))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 17:19
S8	16	(detect\$5) near10 (silence silent quiet) same (music song (audio sound media) near5 (performance program file)) and (slow fast moving) near5 (average threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/14 17:20

**EAST Search History (Interference)**

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